

Title (en)

SIMULATING CROWD NOISE FOR LIVE EVENTS THROUGH EMOTIONAL ANALYSIS OF DISTRIBUTED INPUTS

Title (de)

SIMULATION VON CROWD-RAUSCHEN FÜR LIVE-EREIGNISSE DURCH EMOTIONALE ANALYSE VERTEILTER EINGABEN

Title (fr)

SIMULATION DE BRUIT DE FOULE POUR ÉVÉNEMENTS EN DIRECT PAR ANALYSE ÉMOTIONNELLE D'ENTRÉES DISTRIBUÉES

Publication

**EP 4347070 A1 20240410 (EN)**

Application

**EP 22736410 A 20220520**

Priority

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- US 2022030381 W 20220520

Abstract (en)

[origin: US2022383849A1] Methods and systems are provided for generating crowd noise related to a media event being presented using a cloud service is provided. The method includes receiving audio data captured from a viewer of the media event. The method includes processing the audio data to identify utterances of the viewer. In one embodiment, features of the utterances are classified to build a reaction model for identifying reaction states of the viewer. The method includes producing a soundscape for the crowd noise, the soundscape blends together audio of generic crowd noise related to the media event and audio corresponding to one or more of said reaction states of the viewer. In one embodiment, the soundscape is output to a speaker associated with presentation of the media event to the viewer.

IPC 8 full level

**A63F 13/54** (2014.01); **A63F 13/215** (2014.01); **A63F 13/424** (2014.01); **A63F 13/86** (2014.01); **G10L 25/00** (2013.01); **H04N 5/60** (2006.01); **H04N 21/439** (2011.01)

CPC (source: EP US)

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